



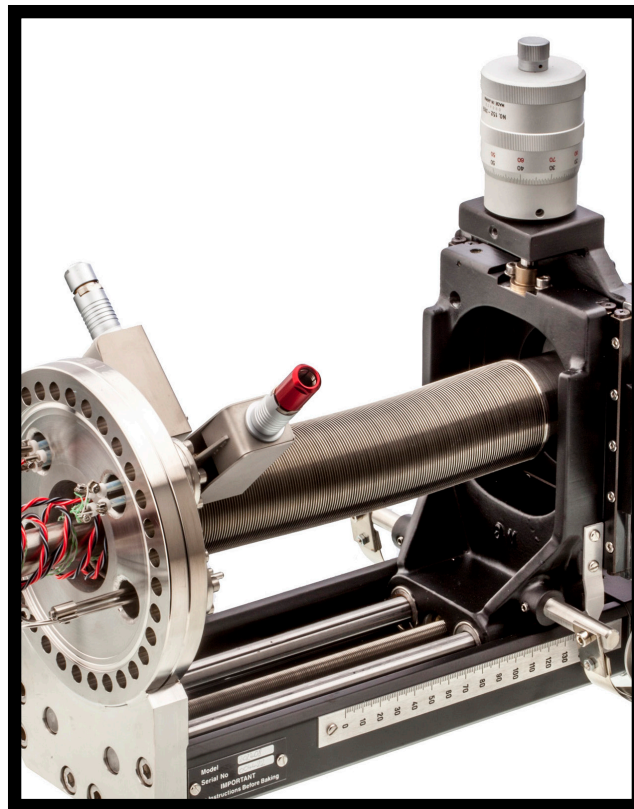
VACGEN

# Assembly Guide

## Bellows Assembly HPT-RX/WX

### AS0013

VGS03-02T13



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Revision	Date	Comment	Initials
1	31/03/2020	New Document	DM
2			
3			

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## Remove Bellows Assembly on HPT-RX/WX

1. Remove feedthroughs.
2. Remove cooling coupling. (If fitted and 2 new seal will be required XCOU07 - Copper Cajon Gasket CU-2-VCR-2 CU 1/8")
3. Remove Sample Holder (With wiring and cooling attached)
4. Remove Drive.
5. For next stage, someone will need to hold the bellows.
6. On top of the X & Y Table there is a clamp ring (20).
7. Undo screws and lift off ring. NOTE: This will release the bellows assembly from the X&Y stage, hence it is important to support the bellows.
8. You will now see a wire ring\* located in the groove of the flange, which clamps the flange in place.
9. Remove the wire ring\* and the flange and bellows will now drop through the X & Y stage.

### Protect bellows

10. Looking from the knife-edge side of the base flange, remove the bolts that pass through the flange and then into the "Z" Slide cheeks, this will release the "Z" Slide Assembly from the Bellows Assembly.
11. Refit in reverse.

\*NOTE: When refitting the Wire Ring, make sure the wire is located in the groove around the flange. Someone will need to support the bellows while the clamp ring is being fixed. Make sure the clamp ring is fitted with the bevelled inner edge facing the wire ring. Tighten the clamp ring down using feeler gauges to check it is parallel to the table.



## DRAWINGS

